

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1747BP14.6G

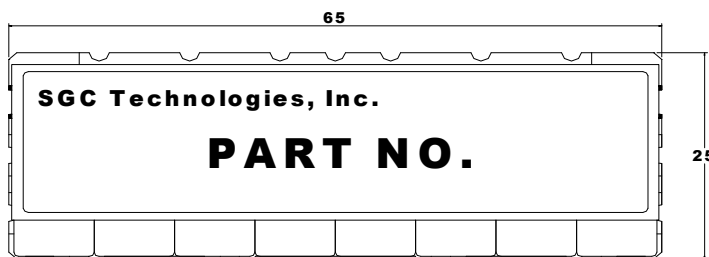
Center frequency	1747.5MHz
Pole	8
Band width (BW)	$F_o \pm 7.3\text{MHz}$
Insertion Loss	10.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	12 dB min at $F_o \pm 10\text{MHz}$
	60 dB min at 1832.5MHz – 1852.5MHz
In/Out Impedance	50 ohm

NOTE:

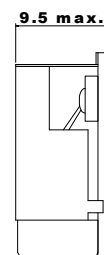
EQUIPMENT used :HP 8753D

DIMENSION:

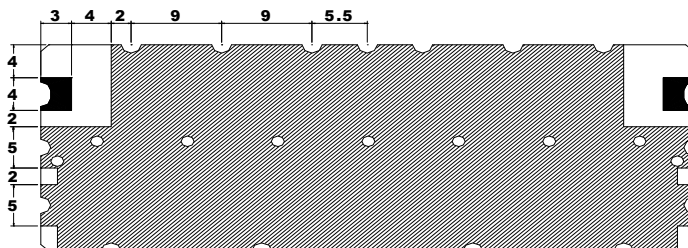
TOP VIEW



SIDE VIEW



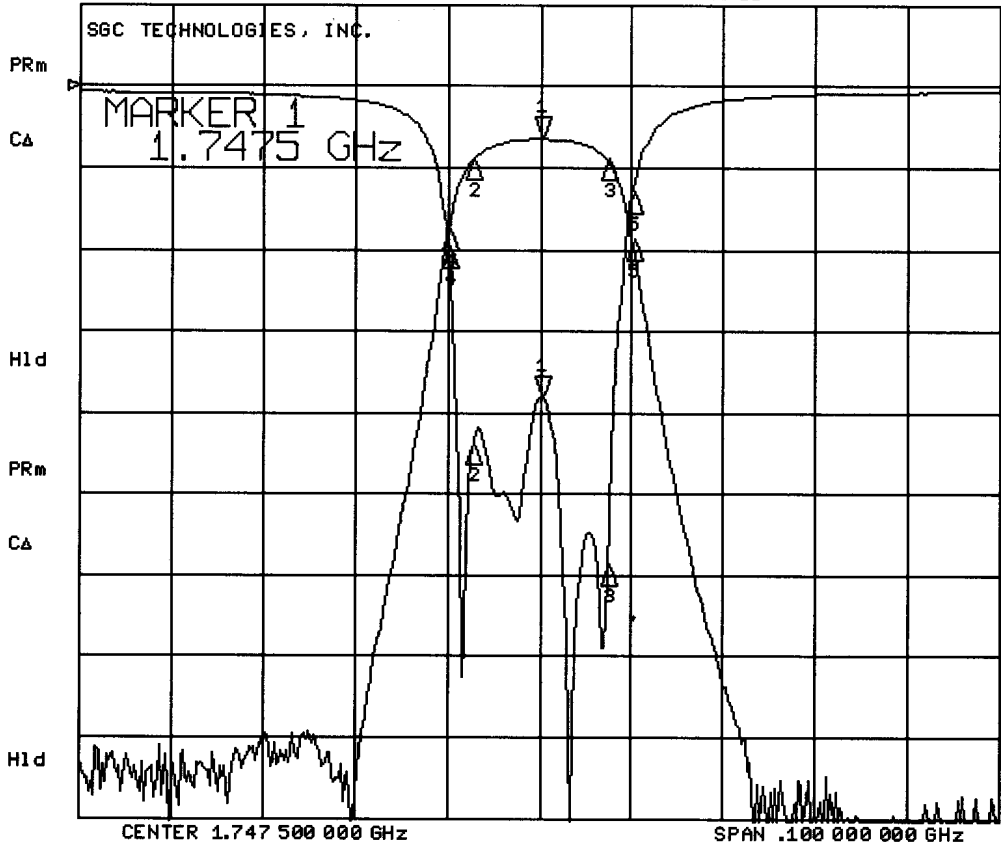
BOTTOM VIEW



TOLERANCE UNLESS OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

SBP-8R8-1747BP14.6G

CH1 S11 LOG 5 dB/REF 0 dB 1:-19.036 dB 1.747 500 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-6.5020 dB



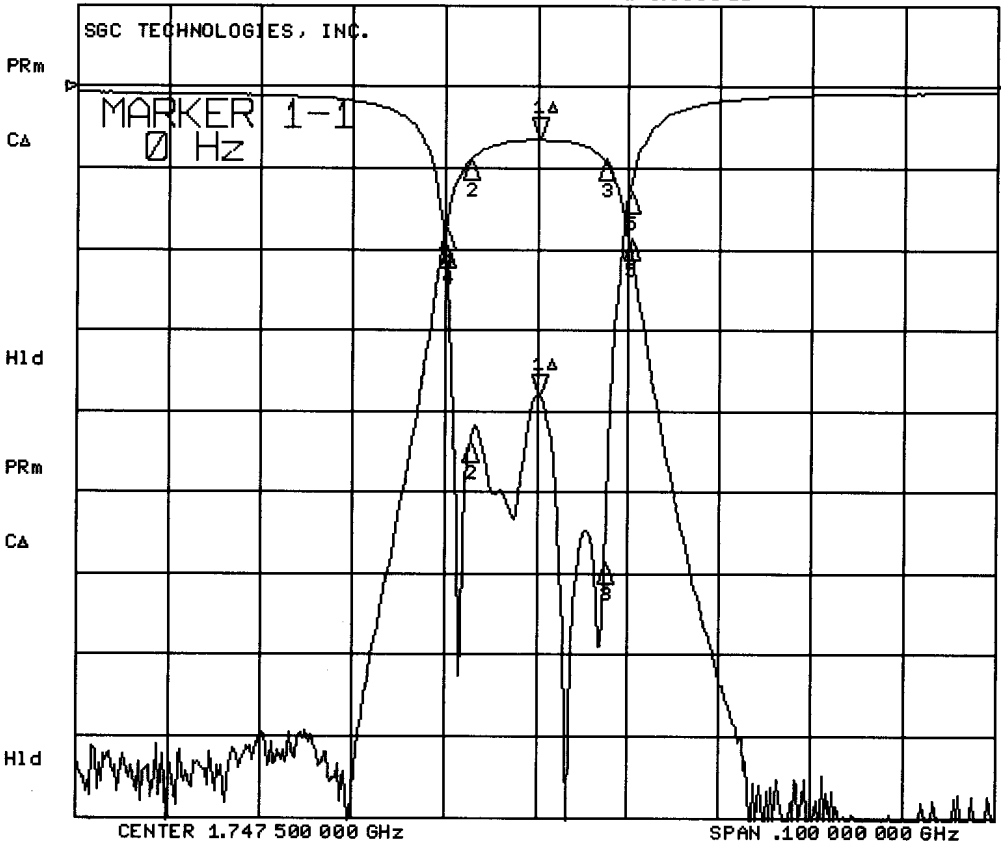
CH1 Markers

- 2:-21.956 dB
1.74020 GHz
- 3:-29.430 dB
1.75480 GHz
- 4:-9.9890 dB
1.73750 GHz
- 5:-6.5300 dB
1.75750 GHz

CH2 Markers

- 2:-8.9770 dB
1.74020 GHz
- 3:-9.0570 dB
1.75480 GHz
- 4:-17.729 dB
1.73750 GHz
- 5:-19.010 dB
1.75750 GHz

CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



CH1 Markers

- 2:-2.9190 dB
-7.30000 MHz
- 3:-10.394 dB
7.30000 MHz
- 4: 9.0460 dB
-10.0000 MHz
- 5: 12.506 dB
10.0000 MHz

CH2 Markers

- 2:-2.4740 dB
-7.30000 MHz
- 3:-2.5540 dB
7.30000 MHz
- 4:-11.226 dB
-10.0000 MHz
- 5:-12.508 dB
10.0000 MHz